



# SPYWOLF

## Security Audit Report



Completed on  
**July 10, 2022**

MADE IN USA 

@SPYWOLFNETWORK



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SPYWOLF.CO





# OVERVIEW

This audit has been prepared for **Vecna Inu** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

”





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# Vecna Inu



## PROJECT DESCRIPTION

### **According to their whitepaper:**

Vecna inu is a community meme token based on the Stranger Things season 4 character Vecna. His mission is to become the Ruler of all Meme coins.

**Release Date:** Fair launch on July 09, 2022

**Category:** Meme token



# CONTRACT INFO

Token Name  
Vecna Inu

Symbol  
VEINU

Contract Address

0xc0da334EFfD2Aff1Ecb3D33f933ad4Fc60Cdc2cF

Network

Binance Smart Chain

Language

Solidity

Deployment Date

July 09, 2022

Verified?

Yes

Total Supply

100,000,000,000

Status

Launched

## TAXES

Buy Tax  
**10%**

Sell Tax  
**12%**

\*Taxes can be changed in future



## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



# CURRENT STATS

(As of July 10, 2022)

Status:  
Launched!



Liquidity

PancakeSwap:  
45 WBNB



Burn

12% of total  
supply

MaxTxAmount  
1,000,000,000

DEX:  
PancakeSwap

LP Address(es)

0x7BD82AB903b39Dd3F7b85057c62fF33C76b04ca2

88.7% Locked in PinkLock – unlocks at 2023.01.12  
<https://www.pinksale.finance/pinklock/record/1016045?chain=BSC>



## TOKEN TRANSFERS STATS

Transfer Count	5173
Uniq Senders	630
Uniq Receivers	1178
Total Amount	287101572831.3677 VEINU
Median Transfer Amount	4507624.724891915 VEINU
Average Transfer Amount	55500014.079135455 VEINU
First transfer date	2022-07-09
Last transfer date	2022-07-10
Days token transferred	2

## SMART CONTRACT STATS

Calls Count	8904
External calls	1023
Internal calls	7881
Transactions count	3384
Uniq Callers	965
Days contract called	2
Last transaction time	2022-07-10 08:10:29 UTC
Created	2022-07-09 20:00:29 UTC
Create TX	0x2185c03f64edcda6137e27b6d914b1cbf e127bea4528b8c229b1ddcf0e371b30
Creator	0x6fff8d95c76dd106bf177945eac23e53c 4e59a30



# FEATURED WALLETS

Owner address	0x6fff8d95c76dd106bf177945eac23e53c4e59a30
Buyback wallet	0x418f2aa56813cc781543d8b16887df410a669837
Marketing wallet	0x42da5548db51dfccb7c4fc91b9a8d3ecb29d2e5f
Ops wallet	0x0a7e1930131875ae8bcb6949dc3becc785c266d6
LP address	<div>0x7BD82AB903b39Dd3F7b85057c62fF33C76b04ca2</div> <div><b>88.7% Locked in PinkLock – unlocks at 2023.01.12</b> <a href="https://www.pinksale.finance/pinklock/record/1016045?chain=BSC">https://www.pinksale.finance/pinklock/record/1016045?chain=BSC</a></div>

## TOP 3 UNLOCKED WALLETS

- 1

62%

0x407993575c91ce7643a4d4ccacc9a98c36ee1bbe  
⚠️ PinkLock contract – tokens are unlocked but not claimed yet
- 2

0.85%

0x50635e16872b8c0c997b59eab9bb6900e8f85fbe
- 3

0.7%

0x6fff8d95c76dd106bf177945eac23e53c4e59a30





# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

---

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

---

Issues on this level are minor details and warning that can remain unfixed.

## Informational

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Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



## ⚠ Medium Risk

Owner can set buy fees up to 15% and sell fees up to 30%.  
Combined buy+sell=45%.

```
function SetBuyTaxes(
    uint256 _marketing,uint256 _liquidity,
    uint256 _ops, uint256 _buyback, uint256 _dev
) external onlyOwner {
    taxes = Taxes(_marketing, _liquidity, _ops, _buyback, _dev);
    require((_marketing + _liquidity + _ops + _buyback + _dev) <= 15,
        "Must keep fees at 15% or less");
}

function SetSellTaxes(
    uint256 _marketing, uint256 _liquidity,
    uint256 _ops, uint256 _buyback, uint256 _dev
) external onlyOwner {
    sellTaxes = Taxes(_marketing, _liquidity, _ops, _buyback, _dev);
    require((_marketing + _liquidity + _ops + _buyback + _dev) <= 30,
        "Must keep fees at 30% or less");
}

function _transfer(
    address sender, address recipient, uint256 amount
) internal override {
    .....
    fee = (amount * feesum) / 100;
    super._transfer(sender, recipient, amount - fee);
    .....
}
```

- Recommendation:
  - Considered as good tax deduction practice is buy and sell fees combined not to exceed 25%.



# FOUND THREATS

## ⚠ High Risk

Owner can change max transaction limit, making it impossible to sell if set to 0.

```
function updateMaxBuyTxLimit(uint256 maxBuy) external onlyOwner {
    maxBuyLimit = maxBuy * 10**decimals();
}

function updateMaxSellTxLimit(uint256 maxSell) external onlyOwner {
    maxSellLimit = maxSell * 10**decimals();
}

function updateMaxTxLimit(uint256 maxBuy,
uint256 maxSell, uint256 amount) external onlyOwner {
    maxBuyLimit = maxBuy * 10**decimals();
    maxSellLimit = maxSell * 10**decimals();
    maxWalletLimit = amount * 10**decimals();
}
```

- Recommendation:
  - Considered as good transaction limitation practice is each transaction's amount to be not less than 0.1% of total supply.



## ⚠ Low Risk

Owner can exclude address from fees.

```
function updateExemptFee(address _address, bool state) external onlyOwner {
    exemptFee[_address] = state;
}

function bulkExemptFee(address[] memory accounts, bool state) external onlyOwner {
    for (uint256 i = 0; i < accounts.length; i++) {
        exemptFee[accounts[i]] = state;
    }
}
```

Owner can turn on/off cooldown between sells.  
Cooldown time can be up to 300 seconds.

```
function updateCooldown(bool state, uint256 time) external onlyOwner {
    coolDownTime = time * 1 seconds;
    coolDownEnabled = state;
    require(time <= 300, "cooldown timer cannot exceed 5 minutes");
}
```

Owner can withdraw any tokens from the contract.

```
function rescueBNB(uint256 weiAmount) external onlyOwner {
    payable(devWallet).transfer(weiAmount);
}

function rescueBSC20(address tokenAdd, uint256 amount) external onlyOwner {
    IERC20(tokenAdd).transfer(devWallet, amount);
}
```



RECOMMENDATIONS FOR

# GOOD PRACTICES

---

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

## Vecna Inu

GOOD PRACTICES FOUND

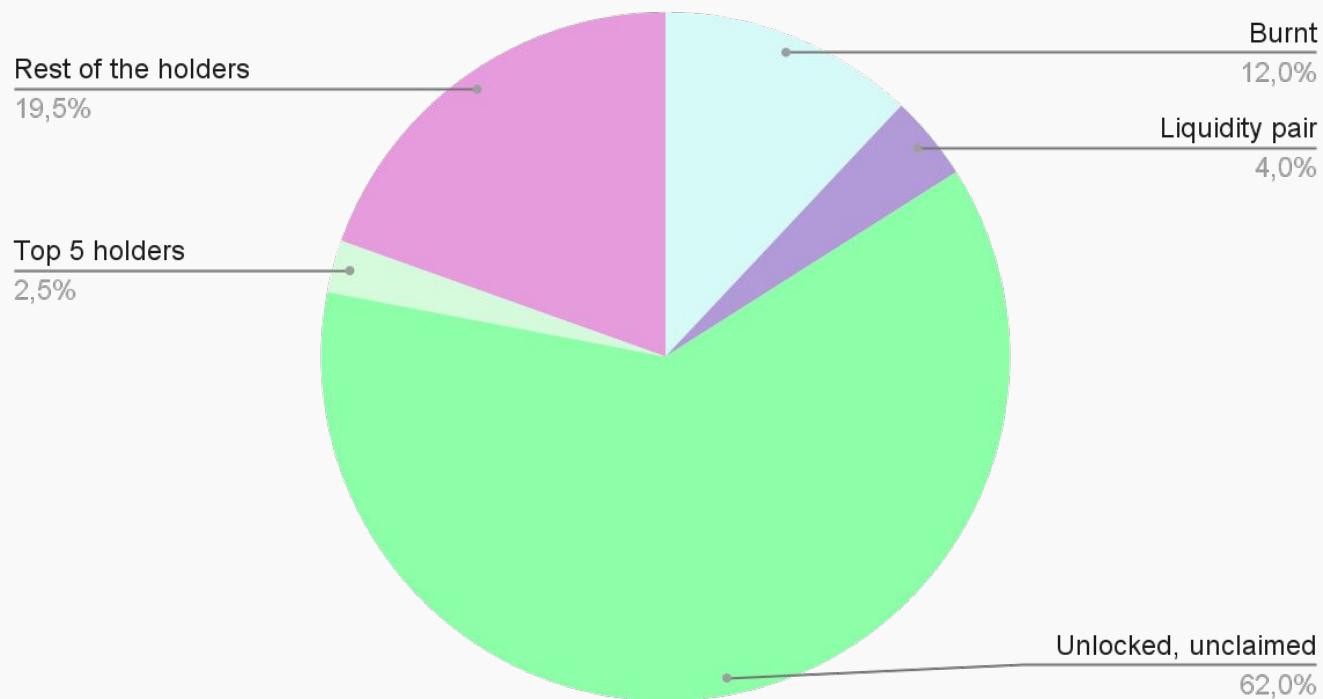
- ✓ The owner cannot mint new tokens after deployment



## Current state

- 62% - PinkLock contract (tokens are unlocked and unclaimed)
- 12% - Burnt
- 2.46% - Top 5 holders
- 19.54% - Rest of the holders
- 4% - Liquidity pair

## Tokens distribution







# THE TEAM

The team has privately doxxed to SPYWOLF by completing the following KYC requirements:

- ID Verification
- Video statement
- Video interview with devs
- Owner's wallet verification

## KYC INFORMATION

Issuer

SPYWOLF

Members KYC'd



KYC Date

July 10, 2022

Format

Image

Certificate Link

[https://github.com/SpyWolfNetwork/KYCs/blob/main/July/KYC\\_Vecna\\_INU\\_0xc0da334EFfD2AFf1Ecb3D33f933ad4Fc60Cdc2cF.png](https://github.com/SpyWolfNetwork/KYCs/blob/main/July/KYC_Vecna_INU_0xc0da334EFfD2AFf1Ecb3D33f933ad4Fc60Cdc2cF.png)







# WEBSITE

## Website URL

<https://vecnainu.com/>

## Domain Registry

[www.publicdomainregistry.com](http://www.publicdomainregistry.com)

## Domain Expiration

Expires on 2023-06-17

## Technical SEO Test

Passed

## Security Test

Passed. SSL certificate present

## Design

Single page template

design, appropriate color scheme.

## Content

The information helps new

investors understand what

the product does right away.

No grammar errors found.

## Whitepaper

⚠ No

## Roadmap

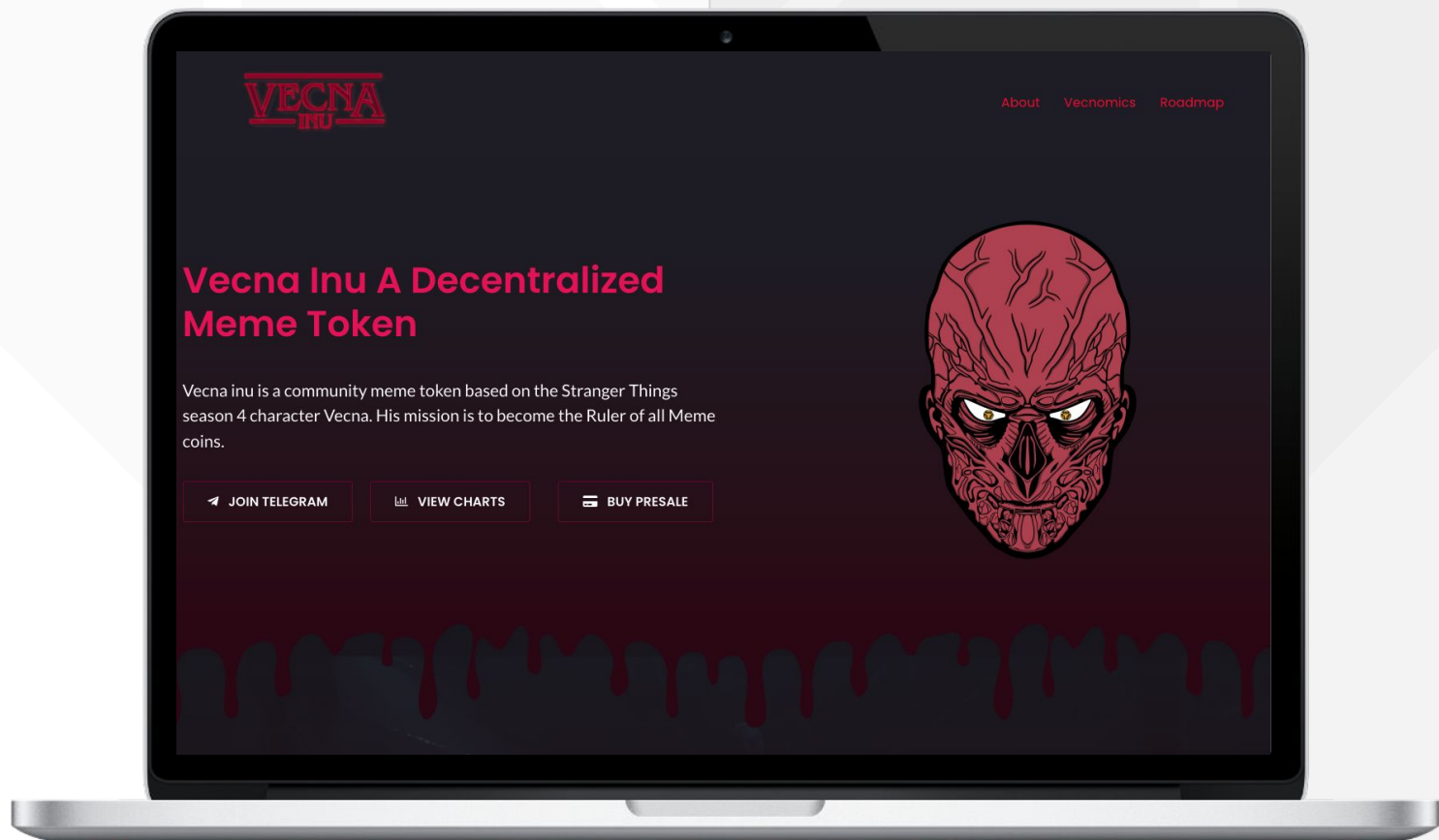
Yes, goals set at 3 phases

without time frames, not

many utilities planned.

## Mobile-friendly?

Yes



# vecnainu.com

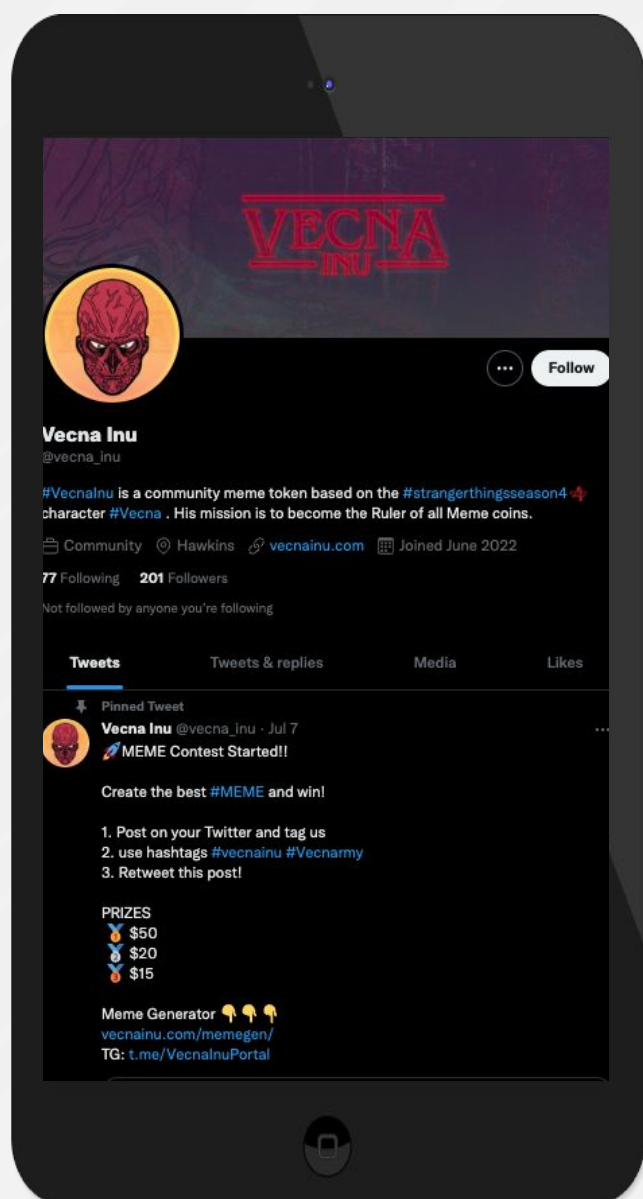


# SOCIAL MEDIA & ONLINE PRESENCE



## ANALYSIS

Project's social media accounts are very active with organic users.



### Twitter

[https://twitter.com/vecna\\_inu](https://twitter.com/vecna_inu)

- 321 followers
- Active
- Few posts per day



### Discord

- Not available



### Telegram

<https://t.me/VecnaInuPortal>

- 4 237 members
- Very active users
- Very active mods



### Medium

- Not available



# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

# ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 150 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

To hire us, reach out to  
[contact@spywolf.co](mailto:contact@spywolf.co) or  
[t.me/joe\\_SpyWolf](https://t.me/joe_SpyWolf)

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.